

# Anti-ACAA1 antibody



Catalog Number: 142945

## Product name

Anti-ACAA1 antibody

## Immunogen

[Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase \(His Tag\) recombinant protein](#)

## Specificity

Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase

## Antibody description

Rabbit Polyclonal to Human ACAA1

## Preparation

Produced in rabbits immunized with purified, recombinant Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase. ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase specific IgG was purified by Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

WB, ELISA, IHC-P, ICC/IF, IF, IP

## Dilutions

WB: 5-20 µg/ml

ELISA: 0.1-0.2 µg/mL

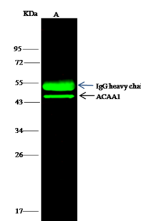
This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase.

IHC-P: 0.05-1µg/mL

ICC/IF: 0.5-3µg/mL

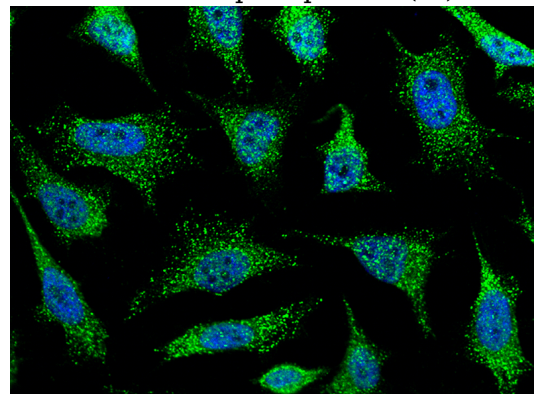
IP: 1-4 µl/mg of lysate

## Validations



Items	Lanes	A
Sample (whole cell lysate)		HepG2
Sample quantity		0.5 mg
IP antibody quantity		4 µL
Protein G agarose		15 µl of 50% Protein G agarose
Gel		13% SDS-PAGE reducing gel
Primary antibody		His-ACAA1(27-424) antibody at 10 µg/ml
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (D114), at 1:5000 dilution

Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase Immunoprecipitation(IP) 15719

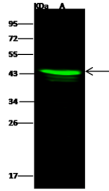


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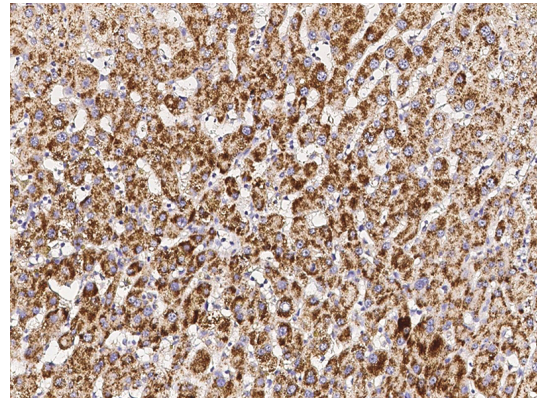
Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase Immunofluorescence(IF) 15718



Lanes	A
Items	
Sample (whole cell lysate)	HepG2
Sample Volume (µg/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	5-20 µg/ml
Secondary Antibody	Dylight 800 Labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size: 44 kDa Observed band size: 44 kDa Additional bands at: 40 kDa and 42 kDa (We are unsure as to the identity of these extra bands.)

Human ACAA1/Peroxisomal 3-oxoacyl-CoA

thiolase Western blot (WB) 15716



Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase Immunohistochemistry(IHC) 15717